IEEE P802.19
Wireless Coexistence

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|  Non-contiguous channel assignment support in reconfiguration messages  |
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| Author(s): |
| Name | Company | Address | Phone | email |
| Golnaz Farhadi | Fujitsu Labs of America  | 1240 E. Arques Avenue M/S 345, Sunnyvale, CA 94085, USA  | 1-408-530-4510 | gfarhadi@us.fujitsu.com  |
| Tsuyoshi Shimomura | Fujitsu Labs Limited  |  |  |  |

Abstract

This document is a submission to IEEE 802.19 TG1 proposing resolution to comments CID # 132 and #133 of the Letter Ballot IEEE 802.19-12-0204r0 to clause 6.4 on modifying resource reconfiguration request and response messages.

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# Comment 1 (CID #132)

The resource reconfiguration request message from CE to CM should support the choice for a list of operating frequencies as an option in new operating resource.

# Proposed resolution 1

*It is proposed to modify the content of “newOperatingResoruce” in “ResourceReconfigurationRequest” message as follows:*

ResourceReconfigurationRequest ::= SEQUENCE {

-- WSO type

wsoType WSO\_TYPE,

-- Registered geolocation

geolocation GEO\_LOC,

-- New operating resource: channel number or frequency range

newOperatingResource CHOICE {

-- Channel number

channelNumber INTEGER,

 -- List of operating frequencies

 listOfOperatingFrequencies ListOfOperatingFrequencies

},

-- Power limit

maximumPowerLevel REAL,

-- Expected throughput

channelLoad REAL OPTIONAL

# }

# Comment 2 (CID #133)

The resource reconfiguration response message from CM to CE should support the choice for a list of operating frequencies as an option in new operating resource.

# Proposed resolution 2

*It is proposed to modify the content of “newOperatingResoruce” in “ResourceReconfigurationResponse” message as follows:*

ResourceReconfigurationResponse ::= SEQUENCE {

-- New operating resource: channel number or frequency range

newOperatingResource CHOICE {

-- Channel number

channelNumber INTEGER,

-- List of operating frequencies

listOfOperatingFrequencies ListOfOperatingFrequencies

},

-- Power limit

maximumPowerLevel REAL

}